



PUBLIC MEETING

Our Future in Progress

Potential Waterline Routes Identified for Chaparral Water Treatment Plant

The City of Scottsdale is in the process of determining potential waterline corridors to bring water to and from the new water treatment plant to be located at McDonald Drive and Hayden Road. The City wants to minimize disruption to traffic, inconvenience to residences and businesses, and access to public facilities.

Over the last few months the City conducted an overall assessment of the area and identified several potential corridors for each of the waterlines. Three waterlines are needed – one intake and two distribution. Several options for each of the three waterlines were shared with the community at a public meeting in December.

Based on the public input received at the December meeting as well as evaluating technical criteria, the City has narrowed the potential routes for the southern distribution line to two options and identified a preferred route for both the intake and northern distribution lines.

Join us on Tuesday, January 28th for an overview of the project and to let us know what you think. The public meeting will be held at 6 p.m. at Saguaro High School's media room, 6250 N. 82nd Street, Scottsdale.

Project History

The City of Scottsdale currently contracts delivery of a portion of its drinking water from the City of Phoenix. Both cities have agreed to terminate this agreement in 2005. As a result the City of Scottsdale must begin to treat a greater water supply to serve its residents. To meet this need, the City of Scottsdale is moving forward with plans to design and build a new Water Treatment Plant (WTP) and expand Chaparral Park at the southeast and northeast corners of Hayden Road and McDonald Drive.

The new water treatment plant will have the ability to process 30 million gallons of drinking water per day and will serve Scottsdale customers south of the Arizona Canal. The new

treatment plant will use state-of-the-art technology to produce very high-quality drinking water for Scottsdale. It is scheduled to begin operating in the Fall 2005.

In Addition, the City must site and build new waterlines to bring untreated canal water into the plant and to carry the treated water away and distribute it to the City's potable water system.

How is the location being selected?

The City and HDR Engineering, Inc. have evaluated numerous locations for each of the three waterlines. A public meeting was held in December to gather public input and the City Council is expected to review the waterline locations later this year. The City and HDR are evaluating waterline locations using the following six criteria:

1. **Construction:** Relates to the ease or difficulty for the contractor to perform construction of the distribution lines, influent lines, and the intake structure. This includes but is not limited to traffic control, depth of construction, contractor work, storage and staging areas.
2. **Regulatory:** Considers appropriate permits that need to be obtained in areas where construction will affect the natural surroundings. This criterion also considers the need for easement acquisitions in areas not owned by the city.
3. **Public:** Considers how construction will affect the public and commercial businesses. This includes but is not limited to access to resident driveways and businesses, the ability for the public to use public facilities, and the public's perception of the project.
4. **Conflicts:** Considers the number of potential project conflicts and constraints that will affect the project. This criterion also relates to the number of potential conflicts with major, existing service lines and other utilities.
5. **Engineering:** Considers how each alternative will affect the operation of the distribution system and the new Chaparral Water Treatment Plant.
6. **Cost:** Considers the cost for construction of each alternative including material, installation, and easement costs.

Where will the waterlines be located?

The City is currently in the process of evaluating potential waterline corridors. The city and HDR Engineering, Inc. have done a comprehensive study of the area and identified possible routes for all three waterlines.

After applying the evaluation criteria and gathering public input the City has narrowed the potential routes for the southern distribution line to two options and identified a preferred route for the intake and northern distribution lines. The potential routes for the three waterlines and their evaluation criteria will be reviewed at the public meeting. The routes are as follows:

Intake Waterline

The intake line will bring raw, untreated water from the Arizona Canal, which is owned and operated by Salt River Project, to the new water treatment plant.

The preferred option is 82nd Street. This route begins at the canal (north end of 82nd Street north of McDonald Drive), proceeds south along 82nd Street, turns west on McDonald Drive and ends at the WTP.

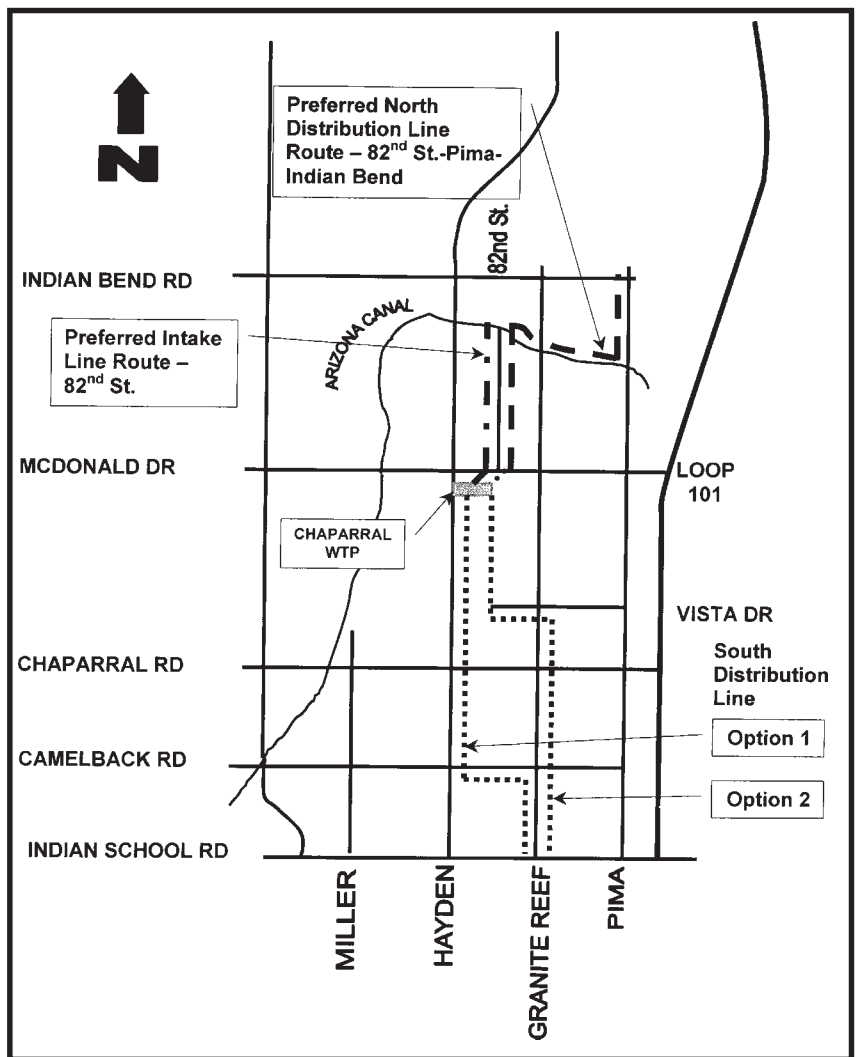
North Distribution Line

The northern distribution line is needed to carry the treated or potable water to customers north of the water treatment plant.

The preferred option is 82nd Street to the Arizona Canal to Pima Road: This route begins at the WTP, proceeds east along McDonald Drive, then north along 82nd Street, crosses the canal, continues east along the north side of the canal to Pima Road, north along Pima Road, and ends at Indian Bend Road.

South Distribution Line

The southern distribution line is needed to carry the treated or potable water to customers south of the water treatment



plant. The City is still considering two options for this waterline. Only one will be built.

Option 1 – Hayden Road (Off Pavement): Begins at the WTP, proceeds south adjacent to the east side of Hayden Road to Camelback Road, turns east on Camelback Road and continues to Granite Reef Road, turns south on Granite Reef Road and ends at Indian School Road.

Option 2 – Hayden Road to Vista Drive to Granite Reef Road: Begins on the south side of the WTP, proceeds south through the existing parking lot and ball fields to just north of Jackrabbit Road, crosses Jackrabbit Road diagonally (southeast) near the Salt River Project Indian Bend Power Facility, turns south adjacent to the resident property line and continues to the west end of Vista Drive, turns east on Vista Drive and continues to Granite Reef Road, turns south on Granite Reef Road and continues to Indian School Road.

When will construction begin?

Once the City Council approves the waterline locations, final engineering design and construction documents will be prepared. The majority of the construction is expected to take place during the summers of 2004 and 2005.

Public Meeting

January 28, 6 p.m.

Saguaro High School Media Room
6250 N. 82nd Street, Scottsdale.

Questions? Comments?

For more information on this project please contact Project Manager Doreen Song at (480) 312-2367.